

IN THE CLAIMS:

Please amend Claims 1, 3, 5, 7, 9 and 11 as shown below. Please cancel Claims 4, 8 and 12 without prejudice or disclaimer of subject matter. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An image processing method, comprising:
inputting pixel data of an image;
performing block selection processing on the pixel data to determine types of pixels within the image;
determining, based on the block selection processing, if a pixel is in an object area of the image; and
selectively performing black character determination processing on
~~detecting proximity of an edge to~~ the pixel if the pixel is determined to be in an object area of the image based on block selection processing.
2. (Original) A method according to Claim 1, wherein the inputting step comprises:
a pre-scanning step to input pixel data of a first resolution; and
a scanning step to input pixel data of a second resolution, the second resolution higher than the first resolution, wherein the block selection processing is performed on the pixel data of the first resolution, and
wherein the detecting is performed on the pixel data of the second resolution.

3. (Currently Amended) A method according to Claim 2, wherein black character determination processing comprises one or more of the detecting step ~~further comprises~~ detecting a thickness of a character including the pixel, detecting ~~chromaticity of the pixel, and detecting proximity of an edge to the pixel if the pixel is~~ determined to be in an object area of the image.

4. (Cancelled)

5. (Currently Amended) Processor-executable process steps stored on a processor-readable medium, the process steps comprising:

an inputting step to input pixel data of an image;

a performing step to perform block selection processing on the pixel data to determine types of pixels within the image;

a determining step to determine, based on the block selection processing, if a pixel is in an object area of the image; and

a detecting step to selectively perform black character determination processing on ~~detect proximity of an edge to~~ the pixel if the pixel is determined to be in an object area of the image based on block selection processing.

6. (Original) Processor-executable process steps according to Claim 5, wherein the step of inputting comprises:

a pre-scanning step to input pixel data of a first resolution; and

a scanning step to input pixel data of a second resolution, the second resolution higher than the first resolution,

wherein the block selection processing is performed on the pixel data of the first resolution, and

wherein the detecting is performed on the pixel data of the second resolution.

7. (Currently Amended) Processor-executable process steps according to Claim 6, wherein the step of performing black character determination ~~detecting~~ further comprises one or more of a detecting step to detect a thickness of a character including the pixel, a detecting step to detect chromaticity of the pixel, and a detecting step to detect proximity of an edge to the pixel ~~if the pixel is determined to be in an object area of the image.~~

8. (Cancelled)

9. (Currently Amended) An image processing apparatus, comprising:
means for inputting pixel data of an image;
means for performing block selection processing on the pixel data to determine types of pixels within the image;
means for determining, based on the block selection processing, if a pixel is in an object area of the image; and

means for selectively performing black character determination processing
~~on detecting proximity of an edge to the pixel if the pixel is determined to be in an object~~
area of the image based on block selection processing.

10. (Original) An apparatus according to Claim 9, wherein the means
for inputting comprises:

means for pre-scanning input pixel data of a first resolution; and

means for scanning pixel data of a second resolution, the second resolution
higher than the first resolution,

wherein the block selection processing is performed on the pixel data of the
first resolution, and

wherein the detecting is performed on the pixel data of the second
resolution.

11. (Currently Amended) An apparatus according to Claim 10, wherein
the means for performing black character determination processing ~~detecting~~ further
comprises one or more of a means for detecting a thickness of a character including the
pixel, a means for detecting chromaticity of the pixel, and a means for detecting proximity
of an edge to the pixel if the pixel is determined to be in an object area of the image.

12. (Cancelled)